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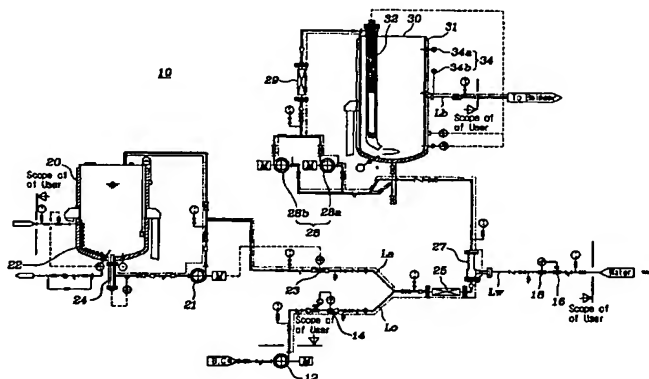
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- (71) Applicant (for all designated States except US): PARK, Gil-Won [KR/KR]; 166-92, Sindang-5dong, Jung-Ku, Seoul 100-821 (KR).
- (72) Inventor; and
- (75) Inventor/Applicant (for US only): HWANG, Suk-Ha [KR/KR]; 102-205, Gunyoung Villa, Chongbal Village, 821 Madu-dong, Ilsan-gu, Goyang-si 411-350 (KR).
- (74) Agent: YOU ME PATENT & LAW FIRM; Teheran Bldg., 825-33 Yoksam-dong, Kangnam-ku, Seoul 135-080 (KR).
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(54) Title: APPARATUS FOR PRODUCING WATER-IN-OIL EMULSIFIED FUEL AND SUPPLYING THE SAME



(57) Abstract: The present invention relates to an apparatus for producing and supplying water-in-oil emulsified fuel that supplies to a boiler water-in-oil emulsified fuel, which is emulsified by mixing an emulsifier and water in crude oil such as bunker C oil or bunker A oil. The apparatus for producing and supplying water-in-oil emulsified fuel includes an additive storage tank for storing an emulsifier; an emulsion tank for storing water-in-oil emulsified; a raw material supplier for supplying at a predetermined ratio and according to predetermined values B-C oil, an emulsifier, and water, which become the raw materials for water-in-oil emulsified fuel; a first mixing section for consecutively and uniformly mixing the supplied raw materials; and a second mixing section for mixing the primarily mixed raw material oil with pre-emulsified fuel to perform emulsion. The second mixing section is realized through a circulation system that includes an emulsion tank, a mixer pump, and a double mixer. Following the supply of a predetermined amount of the raw materials, emulsified fuel mixed in the circulation system is continuously circulated even if raw material supply is stopped such that emulsified fuel that is always in a uniform state is supplied while maintaining a predetermined ratio, a predetermined moisture particle state, and a predetermined temperature.

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